

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

PWB
6-4-69

COMPLETION DATA:

Date Well Completed
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒GAS WELL ☐OTHER ☐SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

UTAH OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 23, Sandy, Utah 84070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

2140' from the North line & 500' from the W line

At proposed prod. zone

SW SW NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5 miles S W of Lehi, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. line, if any)

820'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

2500' ✓

20. ROTARY OR CABLE TOOLS

Cable Tools ✓

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4821 GR

Mississippi

22. APPROX. DATE WORK WILL START*

June 4, 1969 ✓

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12"	8 5/8 ✓	31 lb. ✓	150' ✓	100 sacks ✓
8 5/8	6 5/8 ✓	17 lb. ✓	550' ✓	75 sacks ✓

This is a redrill of the Lake Hills, State #1, and State #1-A wells, both of which resulted in junked holes and are now P & A. Blow Out Preventer will be installed before drilling below surface casing. ✓

43-049-30002

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Wesley F. Rosenberg

TITLE

Owner

DATE

6/2/69

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

June 2, 1969

Gentlemen,

This hole site has been surveyed, but due to the holiday,
I have been unable to get the certificate from the surveyor.
It will follow shortly.

Respectfully,.

UTAH OIL COMPANY

Wilfried F. Rossberg

Wilfried F. Rossberg

June 4, 1969

Utah Oil Company
P.O. Box 23
Sandy, Utah 84070

Re: Well No. Lake Hills State #1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, approval is conditional upon the following:

1. A surveyor's plat being furnished this office.
2. "Well Completion Reports and Subsequent Reports of Abandonment" submitted for the #1 and #1-A wells. (Forms Enclosed)
3. The plugging of the #1 and #1-A wells by salvaging as much of the 6 5/8" casing as possible, filling the hole to 10' of surface with shale and clay followed by a poor boy cement plug from 10' to surface, with a regulation marker installed. Also, it will be necessary to contact the Division prior to abandonment operations so that a representative may witness the work.

Should you determine that it will be necessary to plug and abandon the #1-B well, you are hereby requested to immediately notify Mr. Paul Burchell, Chief Petroleum Engineer, Home: 277-2890 - Salt Lake City, Office: 328-5771.

This approval terminates within 90 days if the well has not been spudded-in within said period.

Utah Oil Company
June 4, 1969
Page 2

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

The API number assigned to this well is 43-049-30002 (see Bulletin D-12, published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd
Enclosures: Forms

cc: Division of State Lands
105 State Capitol Building
Salt Lake City, Utah 84114

Form OGCC-1 b

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

5. LEASE DESIGNATION AND SERIAL NO.
State of Ut. #25424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Lake Hills State 1-B

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 2, T6S0, R1W, SLBM

12. COUNTY OR PARISH

Utah

13. STATE

Utah

1. OIL ☒ WELL GAS ☐ WELL OTHER ☐

2. NAME OF OPERATOR

Utah Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 23, Sandy, Utah 84070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

**2140' from the North line
500' from the West line**

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, GR, etc.)

4821 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

FULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☒

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded June 12, 1969.

Drilling with cable tools.

Depth on July 1, 1969 - 300'

Set 300' 6 5/8" casing with 10 sacks of cement.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. F. Dwyer

TITLE

Owner

DATE

7/1/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Enchell

PE PWB

July 8, 1969

MEMO FOR FILING

Re: Utah Oil Company
Lake Hills State #1, #1-A, #1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County, Utah

On July 3, 1969, the above named well sites were visited.

An inspection was made of Mr. Rossberg's operations and it was learned that he had contracted Mr. Charles Francis to cabletool his Lake Hills #1-B well. At the time of the visit, Mr. Francis was dressing bits and had made hole to a depth of 300'. To date, they have set 150' of 8" surface casing and I recommended that the blowout preventor be installed as soon as possible. They propose to install a manual 8" series blind blowout preventor on the surface pipe. It was further recommended that they dig a ditch south of the location to catch the drilling fluids and allow them to drain in the nearby #1 pit.

The #1 well site has not been plugged to date. The #1-A well was reportedly plugged, however, it was covered over and no marker has been set.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:sd

cc: Division of State Lands

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
State of Utah #25424
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Utah Oil Company		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. Box 23, Sandy, Utah 84070		9. WELL NO. Lake Hills State 1-B
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140' from the North line 500' from the West line		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T6S0, R1W, SLBM
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4821 GR		12. COUNTY OR PARISH Utah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) operations <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Drilling ahead at 525' with cable tools.

18. I hereby certify that the foregoing is true and correct

SIGNED *W. F. Rosenberg* TITLE Owner DATE 8/1/69
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

State of Ut. #25424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Lake Hills Statel-B

10. FIELD AND POOL, OR WILDCAT

wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 2, T6S, R1W, SLBM

12. COUNTY OR PARISH

Utah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR
Utah Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 23, Sandy, Utah 84070

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

2140' from North line
500' from West line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4821 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

operations

X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Set 540 feet of 5" casing with 20 sacks of cement.

Drilling ahead at 547' with cable tools.

18. I hereby certify that the foregoing is true and correct

SIGNED

W. F. Berg

TITLE

Owner

DATE

9/1/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

1588 West North Temple
Salt Lake City, Utah 84116

328-5771

September 9, 1969

Utah Oil Company
P.O. Box 23
Sandy, Utah 84070

Re: Well No. Lake Hills State #1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County, Utah

Our records indicate that you have not filed a Monthly Report of
Operations for the months mentioned above for the subject well. Rule
~~Mr. Rosenberg~~ 22 (1), General Rules and Regulations and Rules of Practice and
Procedure, Utah State Division of Oil and Gas Conservation requires
that said reports be filed on or before the sixteenth (16) day of the
succeeding month. This report may be filed on Form OGC-1b, (U. S.
Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"),
or on company forms containing substantially the same information. We
are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc

Enclosures: Forms OGC-1b

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. State of Ut. #25424	
2. NAME OF OPERATOR Utah Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 23, Sandy, Utah 84070		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140' from North line 500' from West line		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. Lake Hills State 1-B	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4821 GR		10. FIELD AND POOL, OR WILDCAT wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T6S, R1W, S1E	
		12. COUNTY OR PARISH Utah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) operations <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilling ahead at 560' after performing a satisfactory water shut-off test.

18. I hereby certify that the foregoing is true and correct

SIGNED

M. F. Rosenberg

TITLE

Owner

DATE

10/1/69

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

THE STATE OF UTAH
DIVISION OF OIL AND GAS CONSERVATION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. State of Ut. #25424	
2. NAME OF OPERATOR Utah Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 23, Sandy, Utah 84070		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2140' from North line 500' from West line		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO. Lake Hills State 1-B	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4821 Gr		10. FIELD AND POOL, OR WILDCAT wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 2, T6S, R1W, SLBM	
		12. COUNTY OR PARISH Utah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) operations <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Encountered a show of oil and gas from 582' to 589'.

Encountered a water strat~~um~~a at 595'. This was plugged with 5 sacks of cement.

The drilling rig had other committments and the zone was never tested.

An option has been given to International Tungsten Corp. to take over as the operator. They are planning on drilling ahead with rotary tools to 2500'.

The well is temporarily shut-in pending the rotary operation which should commence shortly after the first of the year.

Because of the shut-in statuse this will be the last report for the present.

18. I hereby certify that the foregoing is true and correct

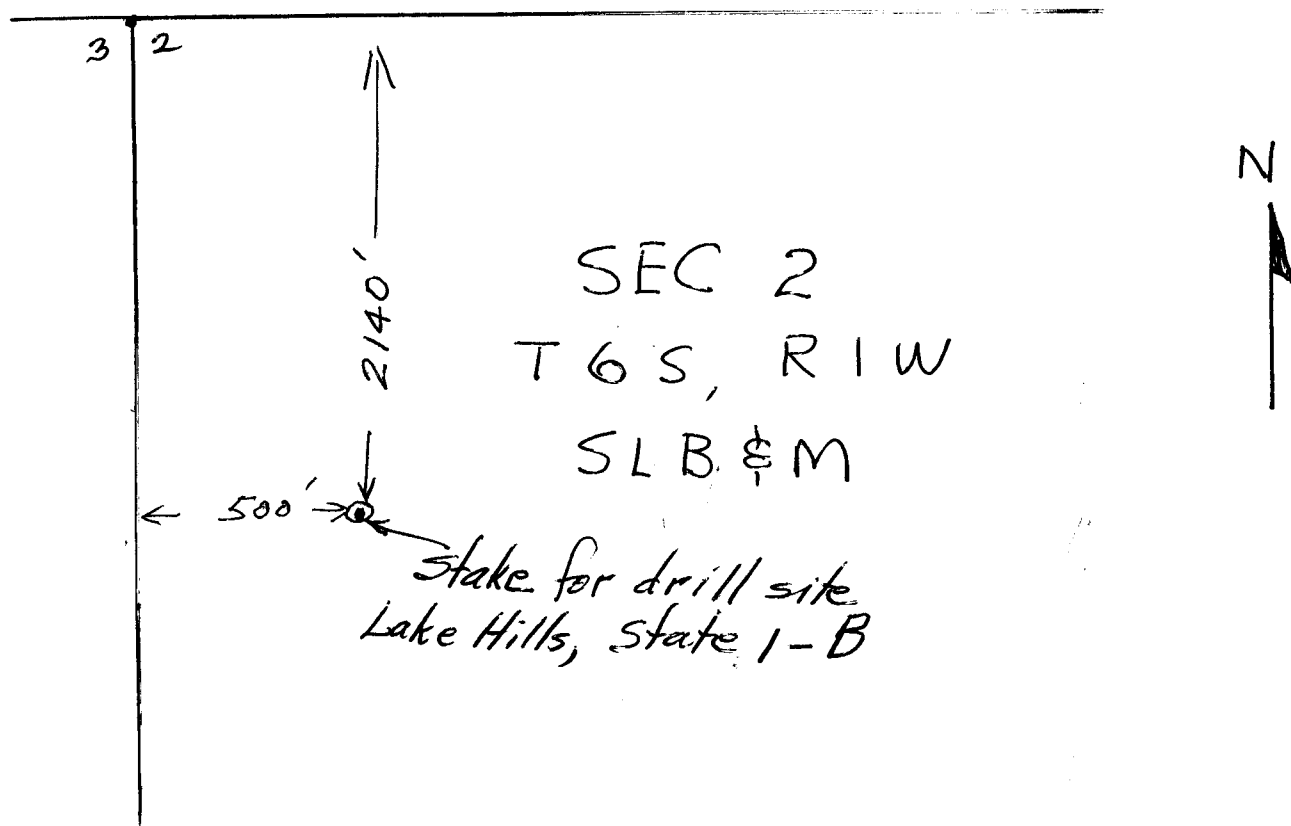
SIGNED W. F. Rossberg TITLE Owner DATE 11/1/69

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Chas. C.

17
ME



I, Carlton C. Cope, am a Registered Professional Land Surveyor and hold Utah License #1492, and hereby certify that the above drill site was surveyed in by me, on the 9th day of June 1969.

Carlton C. Cope

November 10, 1969

MEMO FOR FILING

Re: Utah Oil Company
Lake Hills State #1-B
Sec. 2, T. 6 S., R. 1 W.,
Utah County, Utah.

On November 6, 1969, the above well was visited.

It was reported to this Division that the above named well had encountered hydrocarbons in commercial quantities and would obtain a new field discovery status. A trip was made to the well site and it was learned that the rumor was incorrect and totally false.

Met with the driller, Mr. Charles Francis, and he informed me that they had completed cabletool drilling to a total depth of 595' without any show of hydrocarbons.

The hole was found wet and has a static fluid level of about 200' below the surface. The quality of the water can be considered poor. The driller was in the process of moving the rig off the location. He stated that Mr. Rossberg owed him \$900 and he was not going to proceed with any further work.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:jw

cc: U.S. Geological Survey

December 17, 1969

Utah Oil Company
P.O. Box 23
Sandy, Utah 84070

Re: Well No. Lake Hills State #1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County, Utah
Months of: July thru' November '69

Dear Mr. Rossberg:

Our records indicate that you have not filed a Monthly Report of Operations for the month(s) mentioned above for the subject well. Rule C-22 (1), General Rules and Regulations and Rules of Practice and Procedure, Utah State Division of Oil and Gas Conservation requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U. S. Geological Survey 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your cooperation with respect to this request is greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc

Enclosure: Form OGC-1b

Utah Oil Company
Box 23
Sandy, Utah 84070

Dear Sir:

Your cooperation with respect to completing these forms is greatly appreciated.

DIVISION OF OIL & GAS CONSERVATION

:sd

October 16, 1970

Division of State Lands
Attn: D.G. Prince
105 - State Capitol Building
Salt Lake City, Utah 84114

Re: Utah Oil Company
Well No. Lake Hills State #1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County

Dear Gale:

In view of the fact that Mr. Wilfried F. Rossberg is now deceased, it is suggested that you contact his bonding company relative to properly plugging the above referred to well in order that liability under the bond may be released.

As the depth of the hole is shallow, very little expense will be required to complete the work. However, would you please ask them to contact Paul W. Burchell, Chief Petroleum Engineer, when they are ready to commence operations.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

January 15, 1971

Utah Oil Company
Box 23
Sandy, Utah

SWNW

Re: Well No. Lake Hills State 1-B
Sec. 2, T. 6 S, R. 1 W,
Utah County, Utah

Gentlemen:

Upon checking our files, it is noted that you have not as yet filed the "Well Completion or Recompletion Report and Log", Form OGC-3, for the above referred to well.

In as much as we are in the process of compiling data for our 1970 Well Completion Report, it would be appreciated if you would complete and forward the enclosed forms at your earliest convenience. This information will enable us to expedite the processing of our report and keep it accurate and complete.

Thank you for your cooperation and prompt attention with regard to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd
enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

011511

OPERATOR Utah Oil Co. LEASE ML-25424
WELL NO. Lake Hills #1-B API 43-049-30002
SEC. 2 T. 6S R. 1W CONTRACTOR _____
COUNTY Utah FIELD Wildcat

DRILLING/COMPLETION/WORKOVER:

☐ APD ☐ WELL SIGN ☐ HOUSEKEEPING ☐ SCPE
☐ SAFETY ☐ POLL. CONTROL ☐ SURFACE USE ☐ PITS
☐ OPERATIONS ☐ OTHER

SHUT-IN / TA :

☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ SAFETY*
☐ OTHER

ABANDONED:

☒ N MARKER ☒ N HOUSEKEEPING ☒ N RE-AB. ☐ OTHER

PRODUCTION:

☐ WELL SIGN ☐ HOUSEKEEPING ☐ EQUIPMENT* ☐ FACILITIES*
☐ METERING* ☐ POLL. CONTROL ☐ PITS ☐ DISPOSAL
☐ SECURITY ☐ SAFETY ☐ OTHER

GAS DISPOSITION:

☐ VENTED/FLARED ☐ SOLD ☐ LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: Location and hole closed off by a butterfly valve.

REMARKS: Well was never plugged--has been abandoned for about 20 years. Hole is closed
closed off with a butterfly valve. Well TD'd at 600' and there is water standing in
the bottom of the well. There is some misc. drill g junk on location--barrels, cable,
etc.

ACTION: Dead-end--operator has been dead for quite some time and the company no longer
exists. Save this for an abandoned well plugging program. Lease cancelled by State
Lands 8-19-70. DOGM does not hold a bond for this well.

INSPECTOR: Carol Revelt

DATE 7-1-87



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

Page 1 of 1

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• UTAH OIL COMPANY
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXX XX 99999 9999
ATTN: XXXXXXXXXXXXXXXXXXXXXXXX

Utah Account No. P0801

Report Period (Month/Year) 11 / 91

Amended Report ☐

Well Name	Producing	Days	Production Volume		
API Number Entity Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
LAKE HILLS #1-B					
4304930002 11322 06S 01W 2					
TOTAL					

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

UTAH

P0801/Utah Oil Company

~~43-049-30002~~ - Sec. 2, T. 6S, R. 1W - Lake Hills #1-B - SOW
TD 600'/Last Insp. 7-2-87 (ML-25424)
Lease Cancelled 8-19-70/Operator Deceased

43-049-20059 - Sec. 2, T. 6S, R. 1W - Lake Hills State #1 - PA
Final Insp. 7-2-87/NFIN (ML-23260)

WASHINGTON

P0536/Utah Parks Petroleum Co.

43-053-11393 - Sec. 13, T. 41S, R. 12W - #11 - SOW
TD 608'/Last Insp. 3-17-87 (ML-34169)



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

December 6, 1991

To: R. J. Firth
D. T. Staley
J. L. Thompson
S. L. Schneider

From: Lisha Romero

Re: Wells listed under N0000/Unknown Operator on Fee and State leases.

All wells previously listed under N0000/Unknown Operator on Fee and State leases, have been changed back to the last known operator, based on information obtained from the well files. Wells that are currently in Shut-In, OPS, or TA status have been assigned Entity numbers. Bond availability has been reviewed for wells on Fee land. Operator's with unplugged wells will now show up on the monthly turnaround report under the last known operator, except for those wells with TA or OPS status. However, due to the fact that the majority of these operators no longer exist, and the fact that the wells have been in unknown operator status for several years, the operator's addresses have been X'd out to prevent mailing of the monthly report.

My intentions are to follow-up with St. Lands/Ed Bonner on lease cancellations, assignments & bonding for wells drilled on State leases.

The Tax Commission will be notified of these changes, and asked to continue to hold off on any action until DOGM advises otherwise.

I hope this change assists in determining future action regarding the unplugged wells within the state. I have attached information for your review. Please advise me of any additional steps to take.

STATE LEASES

Crest Oil Corp./P0379 (ML-27798) *Well Stat/TA - No Monthly Report
Energy Resources Inc./P0799 (ML-26503 & *ML-35599/Lear Petroleum)
Grindstaff, E.C./P0384 (ML-27749)
International Research & Dev. Inc./P0798 (ML-15691 or ML-15651?)
Losey, Carl/P0390 (ML-39374 & *ML-3684/JCT, Inc.)
Main, W.S.L./P0800 (ML-41907)
Pixley, Kenneth/N7570 (ML-3162 & *ML-22574 or ML-22574A/Pixley ?)
Silengo, Charles L./N0900 (ML-27795) *Well Stat/OPS - No Mo. Report
United Technical Industries Inc./P0058 (ML-7567/*ML-39901/F. Adams)
Utah Oil Company/P0801 (ML-25424)
Utah Parks Petroleum Co./P0536 (ML-34169)
Vukasovich Drilling/N1050 (ML-42047)

PROJECT WORK ORDER #2000-02
ATTACHMENT B - WELL PLUGGING AND RECLAMATION PROCEDURES

03/21/00

Lake Hills #1B, API# 43-049-30002
Wildcat Well (drilling completed 1969)
SW/4, NW/4, (2140' FNL and 500' FWL), Section 2, T-6-S, R-1-W, SLM,
Utah County, Utah

Note: All mud/cement volumes use 100% excess outside pipe and in open hole and 50' excess inside pipe.

1. Comply with all DOGM and Utah State OSHA safety regulations. Conduct safety meeting for all personnel on location daily. Assess depth of open hole and fluid level if possible with coiled-tubing rig ("CTR") or wireline, revise volumes as required. Install small pit.
2. Excavate as required to expose casing/tubing head. Install/weld fittings as required to bring 6 5/8 " x 5" annulus (bradenhead). Pipe bradenhead to small pit.
3. Install/weld fittings on ____" as required for CTR and cement pump connections. MOL and RU CTR.
4. RIH with CTR tubing to well TD of approximately 595'. Load hole with FW.
5. Mix approximately 5 bbl of viscous bentonite mud (approx. 25 #/bbl Wyoming bentonite, 8.69 #/gal) with cedar fiber as LCM and pump mud to load open hole to approximately 500'. Allow time for mud to gel up. Circulate hole clean above mud pill at 500'.
6. **Plug #1 (Balanced Isolation Plug, 500' – 400')**: Mix approximately 13 sxs Class B cement with 2 % CaCl and spot balanced plug. PUH to 100' and WOC. RIH and tag plug.
7. RUWU and perforate 4 holes at 250'. POH. Connect cement pump to wellhead and attempt to circulate to surface out bradenhead.
8. **Plug #2 (Surface Plug, 300' to ground level)**: Mix approximately 45 sxs Class B cement and inject cement from 300' until good cement circulates at surface. Leave 5" casing full of cement. WOC.
9. Fill all annuli at surface with cement. Cut off surface casing at ground level. Install standard State P&A marker. RD, MOL, and backfill pit.

PROJECT WORK ORDER ATTACHMENT 1

WORKOVER RIG ABOVE AND EQUIPMENT						
A1	4-man crew travel, RT to/from loc., inc. vehicle & wages	---	\$/day	1	\$220	\$220
A2	Ops. Super./Cementer inc. trans., pager, & cellular	---	\$/hr	12	\$55	\$660
A3	Double-Triple Rig w/BOPE, rams, strip and swab tools	---	\$/hr	0	\$200	\$0
A4	Drilling package w/PS, mud pit and triplex pump	---	\$/hr	0	\$50	\$0
A5	Water storage and flow tanks	---	\$/day	1	\$80	\$80
A6	Tubing work string rental	---	\$/day/ft	0	\$0.20	\$0
A7	Standby time - crew and support equipment	---	\$/hr	0	\$120	\$0
A8	Coiled Tubing Rig	---	\$/hr	10	\$50	\$500
B CEMENTING SERVICES						
B1	Balanced plug inc. fluids and testing	---	\$/plug	2	\$550	\$1,100
B2	Surface plug inc. fluids and testing	---	\$/plug	1	\$520	\$520
B3	Pump charge - plug not set	---	\$/hr	0	\$400	\$0
B4	API Class B or H cement - FOB location	---	\$/sk	45	\$14	\$630
B5	API Class B or H cement w/ 2% CaCl - FOB location	---	\$/sk	13	\$14.50	\$189
B6.1	Cement Retainer - 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$850	\$0
B6.2	Cement Retainer - 5.5 ", Type 1 or 2	1	\$/ea	0	\$870	\$0
B6.3	Cement Retainer - 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.4	Cement Retainer - 7 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.5	Cement Retainer - 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,350	\$0
B6.6	Cement Retainer - 8.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,700	\$0
B6.7	Cement Retainer - 9.625 ", Type 1 or 2	N/A	\$/ea	0	\$2,000	\$0
B6.8	Cement Retainer - 10.75 ", Type 1 or 2	N/A	\$/ea	0	\$2,300	\$0
C WIRELINE SERVICES						
C1	Travel to/from loc., inc. vehicle and wages	---	\$/mi	0	\$3.50	\$0
C2	Annular squeeze perms - HCS 3 1/8" or 4 ", 3 holes	---	\$/event	0	\$520	\$0
C3	Annular squeeze perms - Bi-Wire, 2 or 4 holes	---	\$/event	1	\$500	\$500
C4	Jet-cut casing, Type 1 or 2	N/A	\$/event	0	\$700	\$0
C5	Jet cut casing shot - Petrogel	---	\$/event	0	\$800	\$0
C6	Free point determination	---	\$/event	0	\$900	\$0
C7	Mast truck w/ driver	---	\$/hr	0	\$58	\$0
C8	Depth charge for gage rings, junk basket	---	\$/ft	0	\$0.16	\$0
C9.1	Cement Retainer 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.2	Cement Retainer 5.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.3	Cement Retainer 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
C9.4	Cement Retainer 7 ", Type 1 or 2	N/A	\$/ea	0	\$950	\$0
C9.5	Cement Retainer 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,050	\$0
D TRANSPORTATION AND MISC SERVICES						
D1	Winch truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$78	\$0
D2	Water truck w/ driver, inc. wages and mileage	---	\$/hr	4	\$65	\$260
D3	2-axle rig-up truck w/ driver & helper, wages and mileage	---	\$/hr	0	\$110	\$0
D4	1-axle truck w/ driver, inc. wages and mileage	---	\$/hr	12	\$60	\$720
D5	Vacuum truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$60	\$0
D6	Hot oiler, inc. eqpt., labor and mileage	---	\$/hr	0	\$100	\$0
D7	Welder, inc. eqpt., labor and mileage	---	\$/hr	2	\$50	\$100
D8	P&A Marker per Utah specs.	---	\$/ea	1	\$150	\$150
D9	Mud with cedar fiber LCM (25#/bbl WY Bent., 8.69 #/gal)	---	\$/bbl	5	\$4.00	\$20
D10	Per Diem inc. room and board	---	\$/man/day	5	\$60	\$300
E THIRD PARTY CHARGES						
E1	Costs plus 15 %	---	\$	1.15	700	\$805.00
					TOTAL	\$6,753.50

NOTES: E1 = Local water truck, local backhoe.B20

Item A-8 new item, Item D9 revised.

Lake Hills #1B, API 43-049-30002

1-B

$$\left(5.921^2 - 5^2 \right) \cdot 0.05454 =$$

$$= 0.055 \text{ ft}^3/\text{ft.}$$

ASSUME $6\frac{1}{2}$ " hole ϕ

$$\left(\begin{array}{l} 0.04166 \text{ bbl/ft} \\ 0.2304 \text{ ft}^3/\text{ft} \end{array} \right)$$

$$(55') (0.041 \frac{\text{bbl}}{\text{ft}}) \times 2 = 4.566 \text{ bbl.}$$

① $6\frac{5}{8}$ " CASING

CEMENTED w/ 10 SKS.

300'

① 5" CASING

CEMENTED w/ 20 SKS.
(0.1 ft³/ft)

540'

582'-589' OIL SHOW?

595' WATER ZONE

PROJECT WORK ORDER #2000-02
ATTACHMENT B - WELL PLUGGING AND RECLAMATION PROCEDURES

03/21/00

Lake Hills #1B, API# 43-049-30002
Wildcat Well (drilling completed 1969)
SW/4, NW/4, (2140' FNL and 500' FWL), Section 2, T-6-S, R-1-W, SLM,
Utah County, Utah

Note: All mud/cement volumes use 100% excess outside pipe and in open hole and 50' excess inside pipe.

1. Comply with all DOGM and Utah State OSHA safety regulations. Conduct safety meeting for all personnel on location daily. Assess depth of open hole and fluid level if possible with coiled-tubing rig ("CTR") or wireline, revise volumes as required. Install small pit.
2. Excavate as required to expose casing/tubing head. Install/weld fittings as required to bring 6 5/8 " x 5" annulus (bradenhead). Pipe bradenhead to small pit.
3. Install/weld fittings on ____" as required for CTR and cement pump connections. MOL and RU CTR.
4. RIH with CTR tubing to well TD of approximately 595'. Load hole with FW.
5. Mix approximately 5 bbl of viscous bentonite mud (approx. 25 #/bbl Wyoming bentonite, 8.69 #/gal) with cedar fiber as LCM and pump mud to load open hole to approximately 500'. Allow time for mud to gel up. Circulate hole clean above mud pill at 500'.
6. **Plug #1 (Balanced Isolation Plug, 500' – 400')**: Mix approximately 13 sxs Class B cement with 2 % CaCl and spot balanced plug. PUH to 100' and WOC. RIH and tag plug.
7. RUWU and perforate 4 holes at 250'. POH. Connect cement pump to wellhead and attempt to circulate to surface out bradenhead.
8. **Plug #2 (Surface Plug, 300' to ground level)**: Mix approximately 45 sxs Class B cement and inject cement from 300' until good cement circulates at surface. Leave 5" casing full of cement. WOC.
9. Fill all annuli at surface with cement. Cut off surface casing at ground level. Install standard State P&A marker. RD, MOL, and backfill pit.

1-B

$$\left(5.921^2 - 5^2 \right) \cdot 0.05454 =$$

$$= 0.055 \text{ ft}^3/\text{ft}$$

ASSUME $6\frac{1}{2}"$ hole ϕ

$$\left(\begin{array}{l} 0.041668/\text{ft} \\ 0.2304 \text{ ft}^3/\text{ft} \end{array} \right)$$

$$(55') (0.041 \frac{\text{bbl}}{\text{ft}}) \times 2 = 4.565 \text{ bbl}$$

① $6\frac{5}{8}"$ CASING
CEMENTED W/ 10 SKS.

300'

① 5" CASING
CEMENTED W/ 20 SKS.
(0.1 ft³/ft)

540'

582'-589' OIL SHOW?

595' WATER ZONE

PROJECT WORK ORDER ATTACHMENT 1

UCS Item	Description	Unit	Rate	Quantity	Amount	Amount
A WORKOVER RIG LABOR AND EQUIPMENT						
A1	4-man crew travel, RT to/from loc., inc. vehicle & wages	---	\$/day	1	\$220	\$220
A2	Ops. Super./Cementer inc. trans., pager, & cellular	---	\$/hr	12	\$55	\$660
A3	Double-Triple Rig w/BOPE, rams, strip and swab tools	---	\$/hr	0	\$200	\$0
A4	Drilling package w/PS, mud pit and triplex pump	---	\$/hr	0	\$50	\$0
A5	Water storage and flow tanks	---	\$/day	1	\$80	\$80
A6	Tubing work string rental	---	\$/day/ft	0	\$0.20	\$0
A7	Standby time - crew and support equipment	---	\$/hr	0	\$120	\$0
A8	Coiled Tubing Rig	---	\$/hr	10	\$50	\$500
B CEMENTING SERVICES						
B1	Balanced plug inc. fluids and testing	---	\$/plug	2	\$550	\$1,100
B2	Surface plug inc. fluids and testing	---	\$/plug	1	\$520	\$520
B3	Pump charge - plug not set	---	\$/hr	0	\$400	\$0
B4	API Class B or H cement - FOB location	---	\$/sk	45	\$14	\$630
B5	API Class B or H cement w/ 2% CaCl - FOB location	---	\$/sk	13	\$14.50	\$189
B6.1	Cement Retainer - 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$850	\$0
B6.2	Cement Retainer - 5.5 ", Type 1 or 2	1	\$/ea	0	\$870	\$0
B6.3	Cement Retainer - 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.4	Cement Retainer - 7 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.5	Cement Retainer - 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,350	\$0
B6.6	Cement Retainer - 8.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,700	\$0
B6.7	Cement Retainer - 9.625 ", Type 1 or 2	N/A	\$/ea	0	\$2,000	\$0
B6.8	Cement Retainer - 10.75 ", Type 1 or 2	N/A	\$/ea	0	\$2,300	\$0
C WIRELINE SERVICES						
C1	Travel to/from loc., inc. vehicle and wages	---	\$/mi	0	\$3.50	\$0
C2	Annular squeeze perms - HCS 3 1/8" or 4 ", 3 holes	---	\$/event	0	\$520	\$0
C3	Annular squeeze perms - Bi-Wire, 2 or 4 holes	---	\$/event	1	\$500	\$500
C4	Jet-cut casing, Type 1 or 2	N/A	\$/event	0	\$700	\$0
C5	Jet cut casing shot - Petrogel	---	\$/event	0	\$800	\$0
C6	Free point determination	---	\$/event	0	\$900	\$0
C7	Mast truck w/ driver	---	\$/hr	0	\$58	\$0
C8	Depth charge for gage rings, junk basket	---	\$/ft	0	\$0.16	\$0
C9.1	Cement Retainer 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.2	Cement Retainer 5.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.3	Cement Retainer 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
C9.4	Cement Retainer 7 ", Type 1 or 2	N/A	\$/ea	0	\$950	\$0
C9.5	Cement Retainer 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,050	\$0
D TRANSPORTATION AND MISC SERVICES						
D1	Winch truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$78	\$0
D2	Water truck w/ driver, inc. wages and mileage	---	\$/hr	4	\$65	\$260
D3	2-axle rig-up truck w/ driver & helper, wages and mileage	---	\$/hr	0	\$110	\$0
D4	1-axle truck w/ driver, inc. wages and mileage	---	\$/hr	12	\$60	\$720
D5	Vacuum truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$60	\$0
D6	Hot oiler, inc. eqpt., labor and mileage	---	\$/hr	0	\$100	\$0
D7	Welder, inc. eqpt., labor and mileage	---	\$/hr	2	\$50	\$100
D8	P&A Marker per Utah specs.	---	\$/ea	1	\$150	\$150
D9	Mud with cedar fiber LCM (25#/bbl WY Bent., 8.69 #/gal)	---	\$/bbl	5	\$4.00	\$20
D10	Per Diem inc. room and board	---	\$/man/day	5	\$60	\$300
E THIRD PARTY CHARGES						
E1	Costs plus 15 %	---	\$	1.15	700	\$805.00
					TOTAL	\$6,753.50

NOTES: E1 = Local water truck, local backhoe.B20
Item A-8 new item, Item D9 revised.
Lake Hills #1B, API 43-049-30002

PROJECT WORK ORDER #2000-02
ATTACHMENT G - WELL PLUGGING AND RECLAMATION PROCEDURES

4/13/00

Lake Hills #1B, API# 43-049-30002
Wildcat Well (drilling completed 1969)
SW/4, NW/4, (2140' FNL and 500' FWL), Section 2, T-6-S, R-1-W, SLM,
Utah County, Utah

Note: All cement volumes use 100% excess outside pipe and in open hole and 50' excess inside pipe.

Prior to Mobilization:

Contact a Contractor with a backhoe and dump truck for dirt work and hauling debris.
Identify a water source.

Equipment to Mobilize:

Rig Up Truck with CTU and 80 bbl water tank on lowboy trailer.
Cement Pump Truck
Cement Bulk Truck
Welding Truck
Wireline Truck

1. Comply with all DOGM and Utah State OSHA safety regulations. Conduct safety meeting for all personnel on location daily.
2. Assess depth of open hole and fluid level if possible with coiled-tubing unit ("CTU") or wireline, revise volumes as required. Construct a small waste fluid pit.
3. Excavate as required to expose production and surface casing. Install / weld fittings as necessary or orange peel 6- 5/8 " casing to 5" casing and install a 2" outlet (bradenhead). Lay relief line from bradenhead outlet to waste fluid pit. Install/weld fittings on 5" casing flange as necessary for cement pump connections.
4. Spot and prepare coiled-tubing unit ("CTU"). RIH with coiled tubing to well TD of approximately 595'. Load hole with FW.
5. Mix approximately 5 bbl of viscous bentonite mud (approx. 25 #/bbl Wyoming bentonite, 8.69 #/gal) with cedar fiber as LCM and pump mud to load open hole to approximately 500'. Allow time for mud to gel up. Circulate hole clean above mud pill at 500'.
6. **Plug #1 (Balanced Isolation Plug, 500' – 400')**: Mix approximately 13 sxs Class B cement with 2 % CaCl₂ and spot balanced plug. PUH to 100' and WOC. RIH and tag plug.
7. RU wireline unit and perforate 3 bi-wire squeeze holes at 250'. RD wireline unit. Establish circulation to surface out bradenhead.
8. **Plug #2 (Surface Plug, 250' to ground level)**: Mix approximately 45 sxs Class B cement and pump down 5" casing from 250' to surface, circulate good cement to surface. WOC.
9. Cut off production and surface casing below ground level. Fill casing and annulus as necessary with cement. Install standard State P&A marker. RD, MOL, backfill pit and clean up location.

PROJECT WORK ORDER
ATTACHMENT D

UCS Item	Description	Type	Units	Quantity	Unit Cost	Subtotal
A WORKOVER RIG LABOR AND EQUIPMENT						
A1	4-man crew travel, RT to/from loc., inc. vehicle & wages	---	\$/day	0	\$220	\$0
A2	Ops. Super./Cementer inc. trans., pager, & cellular	---	\$/hr	30	\$55	\$1,650
A3	Double-Triple Rig w/BOPE, rams, strip and swab tools	---	\$/hr	0	\$200	\$0
A4	Drilling package w/PS, mud pit and triplex pump	---	\$/hr	0	\$50	\$0
A5	Water storage and flow tanks	---	\$/day	0	\$80	\$0
A6	Tubing work string rental	---	\$/day/ft	0	\$0.20	\$0
A7	Standby Time Including Crew and Support Equipment	---	\$/hr	0	\$120	\$0
A8	Coiled Tubing Unit ("CTU")	---	\$/hr	0	\$25	\$0
A9	CTU/Rigless Operations Labor	---	\$/man-hr	40	\$19	\$760
A10	Pickup (Travel for CTU/Rigless Operations)	---	\$/day	3	\$100	\$300
B CEMENTING SERVICES						
B1	Balanced plug inc. fluids and testing	---	\$/plug	0	\$550	\$0
B2	Surface plug inc. fluids and testing	---	\$/plug	1	\$520	\$520
B3	Pump charge - plug not set	---	\$/hr	0	\$400	\$0
B4	API Class B or H cement - FOB location	---	\$/sk	0	\$14	\$0
B5	API Class B or H cement w/ 2% CaCl - FOB location	---	\$/sk	0	\$14.50	\$0
B6.6	Cement Retainer - 8.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,700	\$0
B6.7	Cement Retainer - 9.625 ", Type 1 or 2	N/A	\$/ea	0	\$2,000	\$0
B6.8	Cement Retainer - 10.75 ", Type 1 or 2	N/A	\$/ea	0	\$2,300	\$0
C WIRELINE SERVICES						
C1	Travel to/from loc., inc. vehicle and wages	---	\$/mi	300	\$3.50	\$1,050
C2	Annular squeeze perfs - HCS 3 1/8" or 4 ", 3 holes	---	\$/event	0	\$520	\$0
C3	Annular squeeze perfs - Bi-Wire, 2 or 4 holes	---	\$/event	0	\$500	\$0
C4	Jet-cut casing, Type 1 or 2	N/A	\$/event	0	\$700	\$0
C5	Jet cut casing shot - Petrogel	---	\$/event	0	\$800	\$0
C6	Free point determination	---	\$/event	0	\$900	\$0
C7	Mast truck w/ driver	---	\$/hr	0	\$58	\$0
C8	Depth charge for gage rings, junk basket	---	\$/ft	0	\$0.16	\$0
C9.1	Cement Retainer 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.2	Cement Retainer 5.5 ", Type 1 or 2	N/A	\$/ea	0	\$650	\$0
C9.3	Cement Retainer 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
C9.4	Cement Retainer 7 ", Type 1 or 2	N/A	\$/ea	0	\$950	\$0
C9.5	Cement Retainer 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,050	\$0
D TRANSPORTATION AND MISC. SERVICES						
D1	Winch truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$78	\$0
D2	Water truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$65	\$0
D3	2-axle rig-up truck w/ driver & helper, wages and mileage	---	\$/hr	0	\$110	\$0
D4	1-axle truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$60	\$0
D5	Vacuum truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$60	\$0
D6	Hot oiler, inc. eqpt., labor and mileage	---	\$/hr	0	\$100	\$0
D7	Welder, inc. eqpt., labor and mileage	---	\$/hr	6	\$50	\$300
D8	P&A Marker per Utah specs.	---	\$/ea	1	\$150	\$150
D9	Packer Fluid per spec.	---	\$/bbl	0	\$8.00	\$0
D10	Per Diem inc. room and board	---	\$/man/day	15	\$60	\$900
E THIRD PARTY CHARGES						
E1	Costs plus 15 %	---	\$	1.15	1500	\$1,725.00
TOTAL						\$7,355.00

NOTES: E1 = Local water truck, local backhoe, sack cement, mud material
 Items A-8, A9 and A10 are new items per Change Order No. 2
 Golden Rigby #1, API# 43-003-30006

PROJECT WORK ORDER #2000-02
ATTACHMENT G - WELL PLUGGING AND RECLAMATION PROCEDURES

4/13/00

Estimated Third Party Costs:

1. Dirt Work:	
Dump Truck & Backhoe:	
Clean up location, dig waste fluid pit;	
dig out casings;	
backfill pits and clean up work area	\$ 1,000.00
2. Mud Material	\$ 100.00
3. Purchase Water	\$ 100.00
Total	\$ 1,200.00

TRANSACTION REPORT

P. 01

APR-13-2000 THU 01:28 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
APR-13	01:27 PM	3550922	1' 31"	4	SEND	OK	243	

TOTAL : 1M 31S PAGES: 4



State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
Oil and Gas Program

facsimile transmittal

To: Tom Faddies Fax: (801) 355-0922

From: Bob Krueger *OK* #538-5274 Date: 04/13/00

Re: Well Plugging Costs Attached 3 Pages:

CC: John Baza

☐ Urgent ☒ For Review ☐ Please Comment ☒ Please Reply ☐ Please Recycle

Hi Tom:

Our well plugging contractor and I visited the Lake Hills #1B SITLA well location last week in order to put the attached well plugging procedure and cost together. The estimated cost for the



facsimile transmittal

To: Tom Faddies Fax: (801) 355-0922
From: Bob Krueger *RSK* #538-5214 Date: 04/13/00
Re: Well Plugging Costs Attached 3 Pages:
CC: John Baza

☐ Urgent ☒ For Review ☐ Please Comment ☒ Please Reply ☐ Please Recycle

Hi Tom:

Our well plugging contractor and I visited the Lake Hills #1B SITLA well location last week in order to put the attached well plugging procedure and cost together. The estimated cost for the well is \$12,607.

I am under a bit of a time crunch for putting this project together. We are planning 8 other wells besides this one and I need to start a budget number (Contract Change Order No. 2) through the signatory gauntlet by next Monday the 17th for the project to stay on schedule. The work must be completed by mid-June to meet Division budgetary constraints. If you can get a commitment (email would be OK) to John Baza and myself by next Monday to cover the cost of plugging this well, then we will add that \$ figure to the contract value in Change Order No. 2. Otherwise we can look at plugging this well at a later date and slightly different (likely higher) cost. I apologize for the short notice on this matter. Thanks for your help.

Bob K.

CONFIDENTIAL

PROJECT WORK ORDER #2000-02
ATTACHMENT G - WELL PLUGGING AND RECLAMATION PROCEDURES

4/13/00

Lake Hills #1B, API# 43-049-30002
Wildcat Well (drilling completed 1969)
SW/4, NW/4, (2140' FNL and 500' FWL), Section 2, T-6-S, R-1-W, SLM,
Utah County, Utah

Note: All cement volumes use 100% excess outside pipe and in open hole and 50' excess inside pipe.

Prior to Mobilization:

Contact a Contractor with a backhoe and dump truck for dirt work and hauling debris.
Identify a water source.

Equipment to Mobilize:

Rig Up Truck with CTU and 80 bbl water tank on lowboy trailer.
Cement Pump Truck
Cement Bulk Truck
Welding Truck
Wireline Truck

1. Comply with all DOGM and Utah State OSHA safety regulations. Conduct safety meeting for all personnel on location daily.
2. Assess depth of open hole and fluid level if possible with coiled-tubing unit ("CTU") or wireline, revise volumes as required. Construct a small waste fluid pit.
3. Excavate as required to expose production and surface casing. Install / weld fittings as necessary or orange peel 6- 5/8 " casing to 5" casing and install a 2" outlet (bradenhead). Lay relief line from bradenhead outlet to waste fluid pit. Install/weld fittings on 5" casing flange as necessary for cement pump connections.
4. Spot and prepare coiled-tubing unit ("CTU"). RIH with coiled tubing to well TD of approximately 595'. Load hole with FW.
5. Mix approximately 5 bbl of viscous bentonite mud (approx. 25 #/bbl Wyoming bentonite, 8.69 #/gal) with cedar fiber as LCM and pump mud to load open hole to approximately 500'. Allow time for mud to gel up. Circulate hole clean above mud pill at 500'.
6. **Plug #1 (Balanced Isolation Plug, 500' – 400')**: Mix approximately 13 sxs Class B cement with 2 % CaCl₂ and spot balanced plug. PUH to 100' and WOC. RIH and tag plug.
7. RU wireline unit and perforate 3 bi-wire squeeze holes at 250'. RD wireline unit. Establish circulation to surface out bradenhead.
8. **Plug #2 (Surface Plug, 250' to ground level)**: Mix approximately 45 sxs Class B cement and pump down 5" casing from 250' to surface, circulate good cement to surface. WOC.
9. Cut off production and surface casing below ground level. Fill casing and annulus as necessary with cement. Install standard State P&A marker. RD, MOL, backfill pit and clean up location.

PROJECT WORK ORDER ATTACHMENT G

UCS Item	Description	Unit	Rate	Quantity	Unit Price	Amount
A WORKOVER RIG LABOR AND EQUIPMENT						
A1	4-man crew travel, RT to/from loc., inc. vehicle & wages	---	\$/day	0	\$220	\$0
A2	Ops. Super./Cementer inc. trans., pager, & cellular	---	\$/hr	30	\$55	\$1,650
A3	Double-Triple Rig w/BOPE, rams, strip and swab tools	---	\$/hr	0	\$200	\$0
A4	Drilling package w/PS, mud pit and triplex pump	---	\$/hr	0	\$50	\$0
A5	Water storage and flow tanks	---	\$/day	1	\$80	\$80
A6	Tubing work string rental	---	\$/day/ft	0	\$0.20	\$0
A7	Standby time - crew and support equipment	---	\$/hr	0	\$120	\$0
A8	Coiled Tubing Unit ("CTU")	---	\$/hr	14	\$25	\$350
A9	CTU/Rigless Operations Labor	---	\$/man-hr	72	\$19	\$1,368
A10	Pickup (Travel for CTU/Rigless Operations)	---	\$/day	2	\$100	\$200
B CEMENTING SERVICES						
B1	Balanced plug inc. fluids and testing	---	\$/plug	1	\$550	\$550
B2	Surface plug inc. fluids and testing	---	\$/plug	1	\$520	\$520
B3	Pump charge - plug not set	---	\$/hr	0	\$400	\$0
B4	API Class B or H cement - FOB location	---	\$/sk	45	\$14	\$630
B5	API Class B or H cement w/ 2% CaCl - FOB location	---	\$/sk	13	\$14.50	\$189
B6.1	Cement Retainer - 4.5 ", Type 1 or 2	N/A	\$/ea	0	\$850	\$0
B6.2	Cement Retainer - 5.5 ", Type 1 or 2	1	\$/ea	0	\$870	\$0
B6.3	Cement Retainer - 6.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.4	Cement Retainer - 7 ", Type 1 or 2	N/A	\$/ea	0	\$1,160	\$0
B6.5	Cement Retainer - 7.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,350	\$0
B6.6	Cement Retainer - 8.625 ", Type 1 or 2	N/A	\$/ea	0	\$1,700	\$0
B6.7	Cement Retainer - 9.625 ", Type 1 or 2	N/A	\$/ea	0	\$2,000	\$0
B6.8	Cement Retainer - 10.75 ", Type 1 or 2	N/A	\$/ea	0	\$2,300	\$0
C WIRELINE SERVICES						
C1	Travel to/from loc., inc. vehicle and wages	---	\$/mi	400	\$3.50	\$1,400
C2	Annular squeeze perfs - HCS 3 1/8" or 4 ", 3 holes	---	\$/event	0	\$520	\$0
C3	Annular squeeze perfs - Bi-Wire, 2 or 4 holes	---	\$/event	1	\$500	\$500
C4	Jet-cut casing, Type 1 or 2	N/A	\$/event	0	\$700	\$0
C5	Jet cut casing shot - Petrogel	---	\$/event	0	\$800	\$0
C6	Free point determination	---	\$/event	0	\$900	\$0
C7	Mast truck w/ driver	---	\$/hr	0	\$58	\$0
C8	Depth charge for gage rings, junk basket	---	\$/ft	0	\$0.16	\$0
D TRANSPORTATION AND MISC. SERVICES						
D1	Winch truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$78	\$0
D2	Water truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$65	\$0
D3	2-axle rig-up truck w/ driver & helper, wages and mileage	---	\$/hr	0	\$110	\$0
D4	1-axle truck w/ driver, inc. wages and mileage	---	\$/hr	34	\$60	\$2,040
D5	Vacuum truck w/ driver, inc. wages and mileage	---	\$/hr	0	\$60	\$0
D6	Hot oiler, inc. eqpt., labor and mileage	---	\$/hr	0	\$100	\$0
D7	Welder, inc. eqpt., labor and mileage	---	\$/hr	20	\$50	\$1,000
D8	P&A Marker per Utah specs.	---	\$/ea	1	\$150	\$150
D9	Packer Fluid Per Spec.	---	\$/bbl	0	\$9.00	\$0
D10	Per Diem inc. room and board	---	\$/man/day	10	\$60	\$600
E THIRD PARTY CHARGES						
E1	Costs plus 15 %	---	\$	1.15	1200	\$1,380.00
TOTAL						\$12,607
NOTES: E1 = See Attached Page Items A-8, A9 and A10 are new items per Change Order No. 2. <u>Lake Hills #1B, API# 43-049-30002</u>						

PROJECT WORK ORDER #2000-02
ATTACHMENT G - WELL PLUGGING AND RECLAMATION PROCEDURES

4/13/00

Estimated Third Party Costs:

1. Dirt Work:

Dump Truck & Backhoe:

Clean up location, dig waste fluid pit;
dig out casings;
backfill pits and clean up work area

\$ 1,000.00

2. Mud Material

\$ 100.00

3. Purchase Water

\$ 100.00

Total \$ 1,200.00

TRANSACTION REPORT

P. 01

AUG-31-2000 THU 10:15 AM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
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TOTAL : 26S PAGES: 1

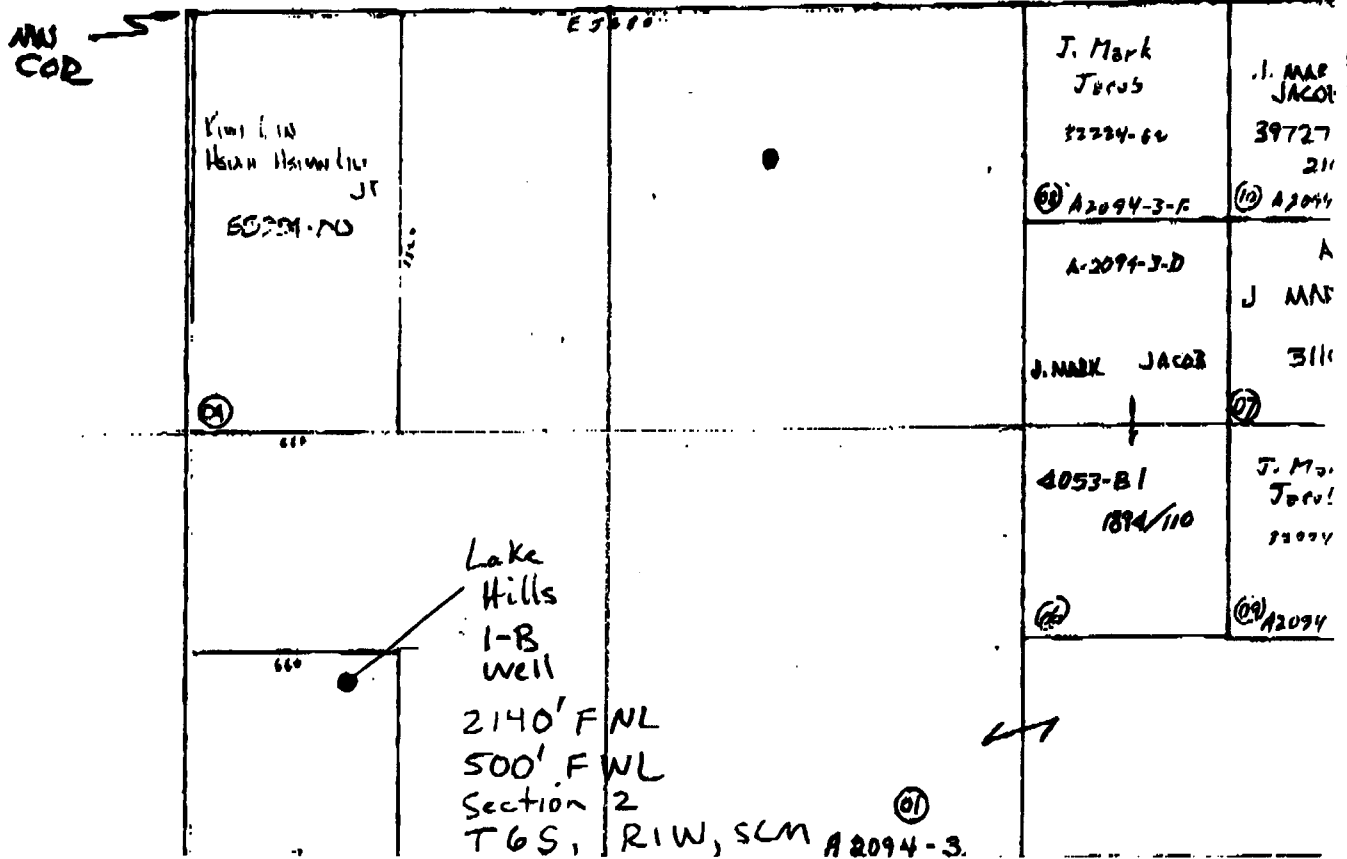
Aug 30.2000 02:31PM FROM ut co recorder

TD 93593940

P. 01

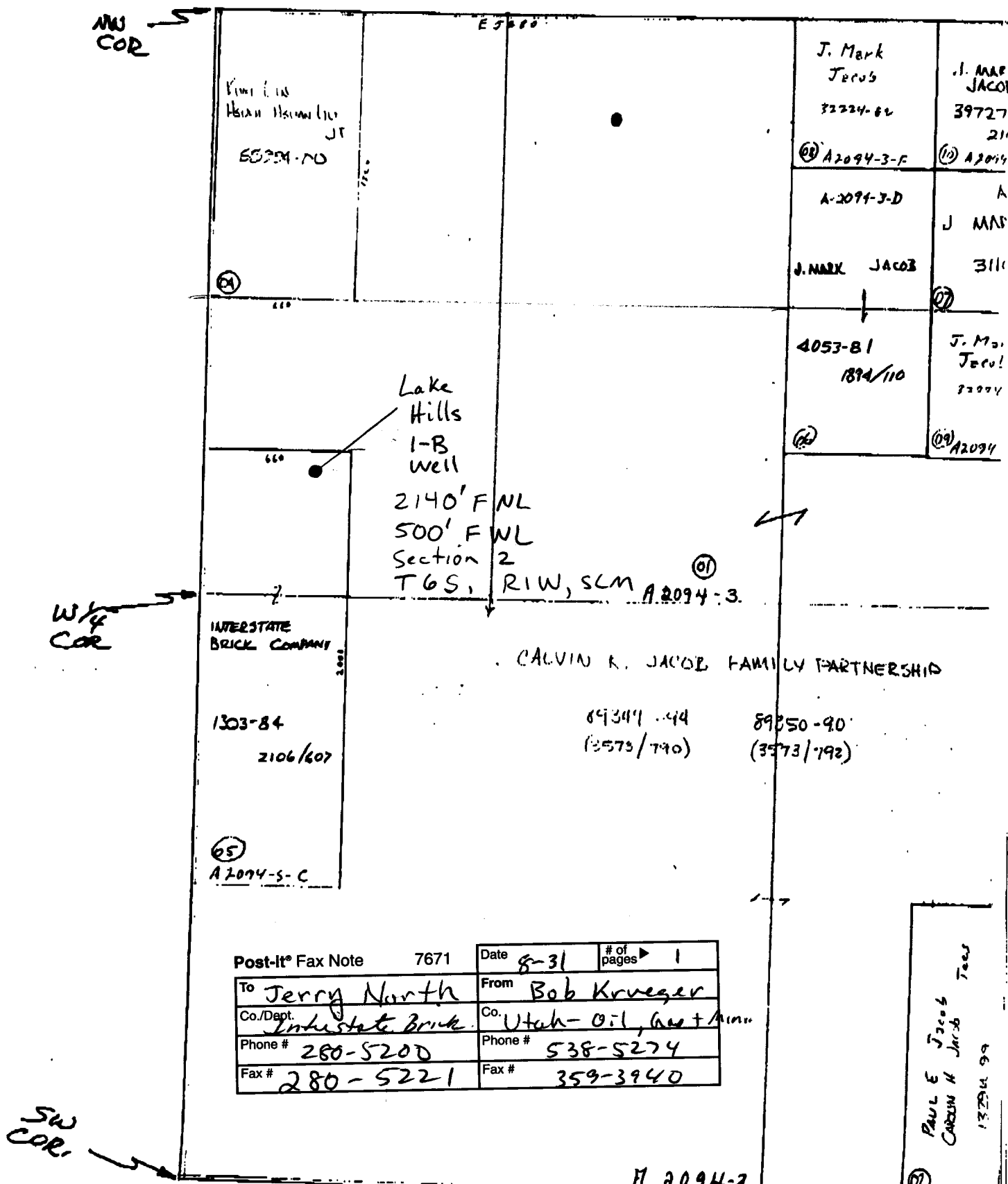
Section 2

Township 6 South



Section 2

Township 6 South



Orphan Well Cost Estimate

Lake Hills State 1-B Well

API # 43-049-30002

SWNW Section 2 T6S, R1W, SLM

Item	Item Description	Unit Cost (FY04)	Quantity	Subtotal
A - WORKOVER RIG LABOR AND EQUIPMENT				
A1	4-Man Crew Travel, Round Trip to/from Location(s) Including Wages and Vehicle	\$/day 330.00	1	330.00
A2	Operations Supervisor/Cementer Including Transportation, Cellular Phone and Pager	\$/hr 65.00	14	910.00
A3	Pulling Unit Rig Rate Including Crew; BOP (3M Specification per 43 CFR 3160); All Rams and associated equipment	\$/hr 208.00	10	2080.00
A4	Drilling Package Including Power Swivel; 180 bbl Minimum Capacity Mud Pit; 4 bpm/2,000 psi WP Minimum Triplex Pump	\$/hr 230.00	0	0
A5	Water Storage and Well Flowback Tanks – 180 bbl Minimum Capacity (Incl. Steel Connecting Lines)	\$/day 60.00	1	60.00
A6	Tubing Work String (2 3/8-inch) Rental	\$/ft/day 0.20	600/3	360.00
A7	Standby Time Including Crew and Support Equipment	\$/hr 150.00	0	0
B - CEMENTING SERVICES				
B1	Cement Pump Charge-Balanced Plug Including Circulating All Fluids and Pressure Testing	\$/plug 700.00	1	700.00
B2	Cement Pump Charge-Surface Plug Including Circulating All Fluids and Pressure Testing	\$/plug 600.00	1	600.00
B3	Pump Charge for Mixing Fluids; Well Circulating; and Pressure Testing – When Plug Not Set	\$/hr 30.00	0	0
B4	API Class G or H Cement – FOB Location	\$/sk 19.00	90	1710.00
B5	API Class G Cement with 2 % CaCl – FOB Location	\$/sk 20.00	0	0
B6	Cement Retainers/Bridge Plugs – Mechanically Set: 1) Cement Retainer and, 2) Bridge Plug Note: Supply the manufacturer and model of the Cement Retainer/Bridge Plug used for each size and type.			
B6.1	<u>Manufacturer/Model</u>	SIZE: 4 1/2-inch	\$/each	
			1) 1140.00	0
			2) 1140.00	0
B6.2	<u>Manufacturer/Model</u>	SIZE: 5 1/2-inch	\$/each	
			1) 1160.00	0
			2) 1160.00	0
B6.3	<u>Manufacturer/Model</u>	SIZE: 6 5/8-inch	\$/each	
			1) 1510.00	0
			2) 1510.00	0
B6.4	<u>Manufacturer/Model</u>	SIZE: 7-inch	\$/each	
			1) 1510.00	0
			2) 1510.00	0
B6.5	<u>Manufacturer/Model</u>	SIZE: 7 5/8-inch	\$/each	
			1) 1740.00	0
			2) 1740.00	0
B6.6	<u>Manufacturer/Model</u>	SIZE: 8 5/8-inch	\$/each	
			1) 2410.00	0
			2) 2410.00	0
B6.7	<u>Manufacturer/Model</u>	SIZE: 9 5/8-inch	\$/each	
			1) 2540.00	0
			2) 2540.00	0
B6.8	<u>Manufacturer/Model</u>	SIZE: 10 3/4-inch	\$/each	
			1) 2820.00	0
			2) 2820.00	0

Orphan Well Cost Estimate

Item	Item Description	Unit Cost (FY04)		Quantity		Subtotal
C - WIRELINE SERVICES						
C1	Travel to/from Location Including Crew Wages and Vehicle	\$/mi 2.50		500		1250.00
C2	Annular Squeeze Perfs: HCS – 3 1/8-inch or 4-inch, 3 Holes Add'l Holes	\$/event 750.00	\$/each 20.00	0	0	0
C3	Annular Squeeze Perfs: Bi-Wire – 1 11/16-inch or 2 1/8-inch, 2 or 4 Holes Add'l Holes	\$/event 700.00	\$/each 20.00	0	0	0
C4	Jet Cut Casing – 1) 4 ½-inch through 7-inch 2) Jet Cut Tubing – 4 ½-inch through 7-inch	\$/event 900.00	\$/each 800.00	0	0	0
C5	Jet Cut Shot of Casing Collar w/Petrogel or Approved Equal	\$/event 650.00		0		0
C6	Free Point Determination	\$/event 1400.00		0		0
C7	Mast Truck with Driver	\$/hr 60.00				
C8	Depth Charge for Gage Rings, Junk Basket, and Bridge Plugs Minimum Charge	\$/ft 0.15	\$ 300.00	0	0	0
C9	Cement Retainers/Bridge Plugs – Wireline Set: 1) Cement Retainer; and, 2) Bridge Plug Note: Supply the manufacturer and model of the Cement Retainer/Bridge Plug used for each size and type					
C9.1	Manufacturer/Model	SIZE: 4 ½-inch		\$/each		
		1) 935.00		0		0
		2) 740.00		0		0
C9.2	Manufacturer/Model	SIZE: 5 ½-inch		\$/each		
		1) 935.00		0		0
		2) 810.00		0		0
C9.3	Manufacturer/Model	SIZE: 6 5/8-inch		\$/each		
		1) 1550.00		0		0
		2) 1250.00		0		0
C9.4	Manufacturer/Model	SIZE: 7-inch		\$/each		
		1) 1550.00		0		0
		2) 1250.00		0		0
C9.5	Manufacturer/Model	SIZE: 7 5/8-inch		\$/each		
		1) 1610.00		0		0
		2) 1440.00		0		0
D – TRANSPORTATION AND MISCELLANEOUS SERVICES						
D1	Winch Truck and Driver - Incl. Wages and Mileage	\$/hr 104.00		4		416.00
D2	Water Truck and Driver - Incl. Wages and Mileage	\$/hr 88.00		0		0
D3	Backhoe w/ Driver and Helper Incl. Wages and Mileage	\$/hr 65.00		2		130.00
D4	Single Axle Truck w/ Driver - Incl. Wages and Mileage	\$/hr 77.00		0		0

Orphan Well Cost Estimate

Item	Item Description	Unit Cost (FY04)	Quantity	Subtotal
D5	Vacuum Truck with Driver – Incl. Wages and Mileage	\$/hr 88.00	4	352.00
D6	Hot Oiler – Incl. Equipment, Labor and Mileage	\$/hr 88.00	0	0
D7	Welder – Incl. Equipment, Labor and Mileage	\$/hr 55.00	4	220.00
D8	P&A Marker - Complete per State of Utah Specifications	\$/each 210.00	1	210.00
D9	Non-Corrosive Spacer Fluid for placement between plugs-Description: _____	\$/bbl 7.00	0	0
D10	Per Diem Incl. Room and Board	\$/man/day 85.00	6x1	510.00
E – THIRD PARTY CHARGES-Not accounted for above (Including but not limited to tool rentals (casing scraper, etc.); mud materials; chemicals not otherwise specified; and, well fluid disposal fees)-Please attach description and costs.				
E1	Third Party Charges	Total (\$) 0	% Markup 15	
F – OTHER ITEMS (Items not listed above necessary to do a Responsible job – Subject to State Approval)				
F1	Cement Pump Truck Mob/Wireline Mob	2.50/mile	500/0	1250.00
F2	Location Cleanup	500.00/event	1	500.00
F3	Hauling Equipment Left on Location	600.00/event	0	0
F4	Contingency	10%	11588.00	1158.80
TOTAL			12,746.80	
NOTES: _____ Includes Mob fee/tubing rental --- CTU preferred _____ _____ _____ _____				

Luke Hills State 1-B

File

300' of 6⁵/₈" casing 105x

540' of 5" casing 205x → 88.7 f/cf

O.G. Show 582-589

H₂O @ 595 plugged w/55x

Lease cancelled by State lands 8/19/70

6³/₈" x 4³/₄" = 12.162 f/cf

8³/₈" x 6³/₈" = 7.902 f/cf

Inspection 1

TD ± 560'

FL @ ± 400'

$$560 / (8.8(7)(1.18)) = 545x$$

$$200 / (12.162)(1.18) = 145x$$

$$200 / (7.902)(1.18) = 225x$$

Procedure

Day 1

RU, Ritt to TD, 4 hrs. Mi P 555x from TD to Surface 4 hrs.
Fill Annuli (1" to 200') w/± 355x, 2 hrs. Cutoff weld DTM

API Well No: 43-049-30002-00-00

Permit No:

Well Name/No: LAKE HILLS 1-B

Company Name: ORPHAN-NO RESPONSIBLE OPER

Location: Sec: 2 T: 6S R: 1W Spot: SWNW

Coordinates: X: 421592 Y: 4464241

Field Name: WILDCAT

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
SURF	300	6.625	0	
PROD	540	5		
HOL1	300	8 7/8" Assumed		
HOL2	540	6" max		

Cement Information

String	BOC (ft sub)	TOC <i>→ see attached sheets</i> (ft sub)	Class	Sacks
PROD	540		UK	20
SURF	300		UK	10

Surface: 6.625 in. @ 300 ft.

Perforation Information

Formation Information

Formation	Depth	Formation	Depth
-----------	-------	-----------	-------

Production: 5 in. @ 540 ft.

Hole: Unknown

TD:

600 TVD:

PBSD:

PA2002 LakeHills 1B

Casing Schematic

Surface

6-5/8"
MW 9.
Frac 19.3

5"
MW 8.4

TOC @
267.

Surface
300. MD

TOC @
383.

Production
540. MD

w/20%

PA2002 LakeHills 1B

Casing Schematic

Surface

6-5/8"
MW 9.
Frac 19.3

TOC @
261.

Surface
300. MD

5"
MW 8.4

TOC @
353.

Production
540. MD

w/15%

PA2002 LakeHills 1B

Casing Schematic

Surface

6-5/8"
MW 9.
Frac 19.3

5"
MW 8.4

TOC @
313.

Production
540. MD

TOC @
254.

Surface
300. MD

w/10%

API Well No: 43-049-30002-00-00

Permit No:

Well Name/No: LAKE HILLS 1-B

Company Name: ORPHAN-NO RESPONSIBLE OPER

Location: Sec: 2 T: 6S R: 1W Spot: SWNW

Coordinates: X: 421592 Y: 4464241

Field Name: WILDCAT

County Name: UTAH

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
SURF	300	6.625	0	
PROD	540	5		
HOL3	595	4.5		
HOL2	540			
HOL1	300			

Surface: 6.625 in. @ 300 ft.

Cement from 300 ft.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	540		UK	20
SURF	300		UK	10

Perforation Information

Cement from 540 ft.

Formation Information

Formation Depth

Production: 5 in. @ 540 ft.

Hole: 4.5 in. @ 595 ft.

Hole: Unknown

TD:

600 TVD:

PBTD:

WELL SEARCH

WELL DATA

WELL HISTORY

WELL ACTIVITY

LOOK UP: OPERATOR NAME / ACCOUNT

LOOK UP: FIELD NAME / NUMBER

SEARCH KEYS

API NUMBER	<input type="text"/>	WELL NAME	<input type="text"/>
OPERATOR ACCOUNT	<input type="text"/>	WELL STATUS/TYPE	<input type="text"/> <input type="text"/>
FIELD NUMBER	<input type="text"/>	ENTITY NUMBER	<input type="text"/>
SECTION / TOWNSHIP / RANGE / MERIDIAN		02	06.0S 01.0W S

2 / 3

SEARCH

CLEAR KEYS

GET ALL WELLS

[illegible]

OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT UIC OIL and GAS REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION

Well Data

WELL SEARCH

API NUMBER **4304930002**
 APD RECD
 APPROVAL DATE APD **6** **4** **1969**
 SUNDRY INT RECD
 WORK TYPE
 AUTH CODE
 WELL TYPE APD **OW**
 LOCATION SURF APD **2140 FNL 0500 FWL**
 LOCATION ZONE APD **2140 FNL 0500 FWL**
 DEPTH APD **2500**
 PROD ZONE APD
 START DATE
 SPUD DATE DRY **6** **12** **1969**
 SPUD DATE ROTARY
 RDCC REVIEW FLAG
 RDCC REVIEW DATE
 UNIT NAME

WELL DATA

WCR RECD DATE
 PROD ZONE WCR
 LOCATION TD WCR
 COMPL DATE WCR
 COMPL DATE SUNDRY
 DATE FIRST PROD
 TOTAL DEPTH MD | TVD **600**
 WELL TYPE REPORT **OW**
 WELL STATUS REPORT **S**
 PBTD MD | TVD
 TEST DATE
 PERFORATIONS
 ZONE FLAG | COMPLETION
 LOG TYPES
 DIRECTIONAL
 WATER PERMIT
 CANCEL DATE

WELL HISTORY

CHOKE
 TUBING PRS
 CASING PRS
 OIL 24HR RATE **0**
 GAS 24HR RATE **0**
 WATER 24HR RATE **0**
 GAS-OIL RATIO **0**
 DIR SURVEY | CORED | DST
 API GRAVITY **0**
 LEASE NUMBER | TYPE **ML-25424** **3**
 PROD METHOD TEST
 COMPLETION TYPE
 APD EXT DATE
 APD CONTACT NAME
 APD CONTACT PHONE

WELL ACTIVITY

[Get History](#)
[Create New Rec](#)
[Save](#)
[Cancel](#)
[Next Rec](#)
[Prev Rec](#)

Whistorycursor

Record: 1/1

Exclusive

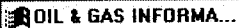
NUM



GroupWise - Mailbox



Novell-delivered Application



OIL & GAS INFORMATION SYSTEM



Microsoft PowerPoint - [Title]



2:54 PM

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-25424

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:
Lake Hills 1-B

9. API NUMBER:
4304930002

10. FIELD AND POOL, OR WILDCAT:
Wildcat

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
Orphan - No Responsible Operator

3. ADDRESS OF OPERATOR: PHONE NUMBER:
NA CITY **NA** STATE **NA** ZIP **NA**

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **2140' FNL, 500' FWL** COUNTY: **UTAH**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWNW 2 6 S 1 W S** STATE: **UTAH**

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 12/28/2005	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

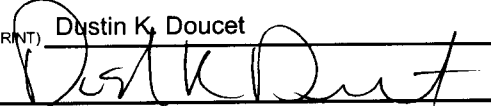
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Well was plugged under the Utah Division of Oil, Gas and Mining's Orphan Well plugging program Contract # 066161, Project # 2005-01 on December 28, 2005. 162 sx of Type II cement were pumped from measured TD of 390' to surface. A dry hole marker was erected and location cleaned of junk. Fence was repaired upon completion. Cost of work was approximately \$9,296.00. Work was witnessed by Clint Dworshak of DOGM.

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JAN 18 2007

DIVISION OF OIL, GAS & MINING

NAME (PLEASE PRINT) Dustin K. Doucet TITLE Petroleum Engineer/Program Manager
SIGNATURE  DATE 1/18/2007

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